

# INTERNATIONAL SEARCH REPORT

Internat. Application No.

PCT/JP 03/05074

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G02B6/42

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) - & JP 2002 055262 A (SAMSUNG ELECTRONICS CO LTD), 20 February 2002 (2002-02-20) abstract; figures 5,6,9,11 paragraph '0009!	1,2, 6-26, 30-33, 41,42
A	---	3-5, 27-29, 34-40
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

8 March 2004

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17/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 026 529 A (SAMSUNG ELECTRONICS CO LTD) 9 August 2000 (2000-08-09)	1, 2, 6, 10-26, 30-33, 41, 42
A	abstract; figure 4 paragraph '0017!	3-5, 27-29, 34-40
X	US 5 222 170 A (BARGAR DANIEL S ET AL) 22 June 1993 (1993-06-22) figure 10a column 9, line 58 -column 10, line 32	24-31, 41, 42
A		1, 32, 39
A	US 2002/001324 A1 (IRIE YUICHIRO ET AL) 3 January 2002 (2002-01-03) paragraphs '0023!-'0025!; figures 10, 11	1, 24, 32, 39
A	DE 34 05 838 A (SIEMENS AG) 22 August 1985 (1985-08-22) the whole document	1-42
A	EP 0 587 895 A (FUJITSU LTD) 23 March 1994 (1994-03-23) figures	1-42

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